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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=5; day=25; hr=13; min=0; sec=28; ms=132;]

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Application No: 09936888 Version No: 1.0

Input Set:

Output Set:

Started: 2010-05-18 17:08:17.994
Finished: 2010-05-18 17:08:20.639
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 645 ms
Total Warnings: 26
Total Errors: 4
No. of SeqIDs Defined: 26
Actual SeqID Count: 26

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
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W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)

Input Set:

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Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Brenneman, Douglas E.
 Spong, Catherine Y.
 Gozes, Illana
 Bassan, Merav
 Zamostiano, Rachel

<120> Prevention of Fetal Alcohol Syndrome and Neuronal Cell
 Death With ADNF Polypeptides

<130> 015280-377100US

<140> 09936888

<141> 2010-05-18

<150> US 09/267,511

<151> 1999-03-12

<150> WO PCT/US00/06364

<151> 2000-03-10

<160> 26

<170> PatentIn Ver. 2.1

<210> 1

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:activity
 dependent neurotrophic factor I (ADNF I) active
 site

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 1 5

<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:activity
 dependent neurotrophic factor III (ADNF III)
 active site

<400> 2

Asn Ala Pro Val Ser Ile Pro Gln
 1 5

<210> 3
 <211> 89
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:ADNF I
 polypeptide

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 <221> MOD_RES
 <222> (1)..(40)
 <223> Xaa = any amino acid, Xaa at positions 1-40 may be
 present or absent

 <220>
 <221> MOD_RES
 <222> (50)..(89)
 <223> Xaa = any amino acid, Xaa at positions 50-89 may
 be present or absent

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 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15

 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30

 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser Ala Leu Leu Arg Ser Ile Pro
 35 40 45

 Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 50 55 60

 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 65 70 75 80

 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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<210> 4
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 <220>
 <223> Description of Artificial Sequence:ADNF I
 polypeptide

 <220>
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 present or absent

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 1 5 10 15
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn Ala Pro Val Ser Ile Pro Gln
 35 40 45
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 50 55 60
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 65 70 75 80
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 85

<210> 5
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<220>
 <223> Description of Artificial Sequence:1-R or 2-R in
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<400> 5
 Val Leu Gly Gly Gly
 1 5

<210> 6
 <211> 10
 <212> PRT
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<220>
 <223> Description of Artificial Sequence:1-R in ADNF I
 polypeptide formula

<400> 6
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<210> 7
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<220>
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ADNF III polypeptide formula

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1 5

<210> 8
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III polypeptide formula

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1 5

<210> 9
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<220>
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polypeptide formula

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<210> 10
<211> 5
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polypeptide formula

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Val Leu Gly Gly Val
1 5

<210> 11
<211> 5
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polypeptide formula

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Gly Val Leu Gly Gly
1 5

<210> 12

<211> 4

<212> PRT

<213> Artificial Sequence

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polypeptide formula

<400> 12

Leu Gly Leu Gly
1

<210> 13

<211> 5

<212> PRT

<213> Artificial Sequence

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polypeptide formula

<400> 13

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1 5

<210> 14

<211> 19

<212> PRT

<213> Artificial Sequence

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polypeptide

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<210> 15

<211> 18

<212> PRT

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<400> 15

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Gly Gly

<210> 16

<211> 19

<212> PRT

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polypeptide

<400> 16

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1 5 10 15

Gly Gly Val

<210> 17

<211> 19

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:ADNF I
polypeptide

<400> 17

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1 5 10 15

Leu Gly Gly

<210> 18

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 18

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
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Gly Gly

<210> 19

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 19

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
1 5 10 15

Gly

<210> 20

<211> 18

<212> PRT

<213> Artificial Sequence

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polypeptide

<400> 20

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1 5 10 15

Gly Leu

<210> 21

<211> 14

<212> PRT

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polypeptide

<400> 21

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<210> 22

<211> 19
<212> PRT
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polypeptide

<400> 22
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Ile Pro Ala

<210> 23
<211> 10
<212> PRT
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<220>
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polypeptide

<400> 23
Gly Gly Asn Ala Pro Val Ser Ile Pro Gln
1 5 10

<210> 24
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 24
Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln Ser
1 5 10

<210> 25
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 25
Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln Ser
1 5 10 15

<210> 26

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 26

Ser Val Arg Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln
1 5 10 15

Gln Ser